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Paper with a relief patterning

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EP 1025308	A1	20000809	EP 98950166	A	19981020	200039
			WO 98FR2248	A	19981020	
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Abstract (Basic):FR 2769927A1

NOVELTY - The paper material carries a relief pattern (23) on at least one surface. The pattern (23) is formed by the combination of at least one base (24) and at least one encrusted zone (25), both with differently oriented lines and shapes.

DETAILED DESCRIPTION - The base has dots or dashes in an initial series of parallel rows, and a second series of parallel rows aligned at an angle to the first series. In the encrusted zone, the dashes in one set of parallel rows are at an angle to the dashes in the other set of rows. The paper material has a weight of at least 100 g/m² and preferably at least 160 g/m². In an INDEPENDENT CLAIM the paper is produced on a rotary press, where the relief pattern is printed on a material directly at the circular form, or it replaces a press blanket. Preferred Features: The material is a woven damask, with the relief pattern, with wefts in different orientations and shapes. The fabric is woven in a single operation, to give the pattern structure. The fabric can have the wefts on a particular alignment, with one or more cut zones to take proud zones with a different weft orientation which are bonded in place by stitching, adhesive, or welding at the periphery. The material can be of metal or plastics materials. The paper can also be printed on a rotary or flatbed press, using a screw plate across the machine width. The pattern can also be printed by a graining roller, using a traditional grained paper.

USE - The method is for the production of a paper with a relief pattern structure.

ADVANTAGE - The technique produces a paper with a damask effect.

DESCRIPTION OF DRAWING(S) - The drawing shows a schematic view of the paper pattern.
pattern (23)

~ pattern base (24)
encrusted pattern section (25)
pp; 17 DwgNo 6/7

Title Terms: PAPER; RELIEF; PATTERN

Derwent Class: F03; F07; F09

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